LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072224\
Data File : VU060093.D
Acq On : 22 Jul 2024 15:10
Operator : MD/SY
Sample : P3244-04 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU060093.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.599	87	96	120	rVB2	89650	116661	15.47%	2.315%
2	1.907	184	192	209	rVB	36618	51765	6.87%	1.027%
3	2.560	383	395	411	rBV2	62147	104907	13.92%	2.082%
4	3.042	534	545	560	rVB3	5956	11627	1.54%	0.231%
5	4.656	1026	1047	1079	rBV2	262647	753892	100.00%	14.962%
6	5.058	1157	1172	1193	rBV2	70518	160779	21.33%	3.191%
7	5.721	1357	1378	1408	rBV3	129582	353233	46.85%	7.010%
8	6.245	1528	1541	1566	rBV2	112805	221294	29.35%	4.392%
9	6.685	1665	1678	1700	rBV	86655	168456	22.34%	3.343%
10	7.563	1938	1951	1968	rBV2	34861	63695	8.45%	1.264%
11	7.894	2036	2054	2066	rBV	135585	235187	31.20%	4.667%
12	7.965	2066	2076	2095	rVB	178556	313028	41.52%	6.212%
13	8.177	2132	2142	2156	rBV3	22503	39301	5.21%	0.780%
14	8.631	2270	2283	2320	rBV	206317	418450	55.51%	8.304%
15	9.412	2514	2526	2549	rBV	171784	298452	39.59%	5.923%
16	9.569	2565	2575	2590	rVB	16190	26549	3.52%	0.527%
17	9.688	2601	2612	2629	rBV2	52385	90483	12.00%	1.796%
18	10.097	2727	2739	2752	rBV	44068	71067	9.43%	1.410%
19	10.749	2929	2942	2958	rBV	85005	137600	18.25%	2.731%
20	10.897	2974	2988	3001	rBV3	9853	19875	2.64%	0.394%
21	10.994	3008	3018	3025	rBV2	27611	49608	6.58%	0.985%
22	11.087	3038	3047	3060	rVB	22846	37251	4.94%	0.739%
23	11.290	3100	3110	3125	rVB	22080	34007	4.51%	0.675%
24	11.463	3152	3164	3178	rBV	65886	104320	13.84%	2.070%
25	11.634	3201	3217	3232	rBV9	16050	27943	3.71%	0.555%
26	11.807	3256	3271	3288	rVV2	182663	322021	42.71%	6.391%
27	11.891	3288	3297	3313	rVB2	48781	89486	11.87%	1.776%
28	12.090	3341	3359	3367	rBV3	18621	35589	4.72%	0.706%
29	12.190	3378	3390	3405	rBV2	179349	297918	39.52%	5.912%
30	12.373	3439	3447	3457	rBV2	6047	9117	1.21%	0.181%
31	12.463	3463	3475	3479	rBV3	6805	9427	1.25%	0.187%
32	12.492	3479	3484	3496	rVV	8116	12126	1.61%	0.241%
33	12.569	3499	3508	3515	rVV3	8343	12755	1.69%	0.253%
34	12.679	3528	3542	3562	rVB2	10589	22574	2.99%	0.448%
35	12.942	3613	3624	3630	rBV3	10530	18215	2.42%	0.361%
36	13.023	3640	3649	3661	rVB2	9290	14112	1.87%	0.280%

LSC Area Percent Report

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Operator : MD/SY
Sample : P3244-04 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Title : TRACE VOA SFAM1.0

37	13.447	3772	3781	3793	rVV3	22053	35330	4.69%	0.701%
38	13.511	3793	3801	3810	rVB3	11523	17585	2.33%	0.349%
39	13.621	3825	3835	3845	rVB4	12763	19401	2.57%	0.385%
40	13.733	3858	3870	3878	rBV5	6575	9607	1.27%	0.191%
41	14.087	3972	3980	3996	rVB	14565	25436	3.37%	0.505%
42	14.576	4122	4132	4143	rBV2	5152	8600	1.14%	0.171%
43	15.222	4321	4333	4354	rBV	53663	95814	12.71%	1.901%
44	15.405	4376	4390	4403	rBV	44084	74333	9.86%	1.475%

Sum of corrected areas: 5038876

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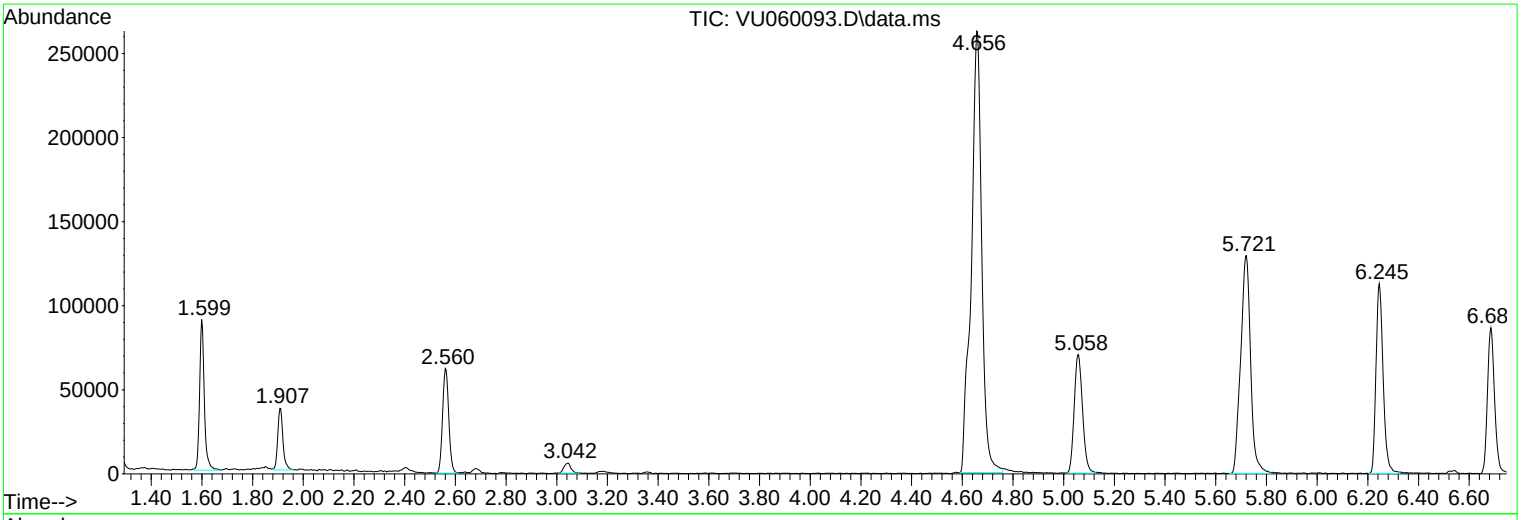
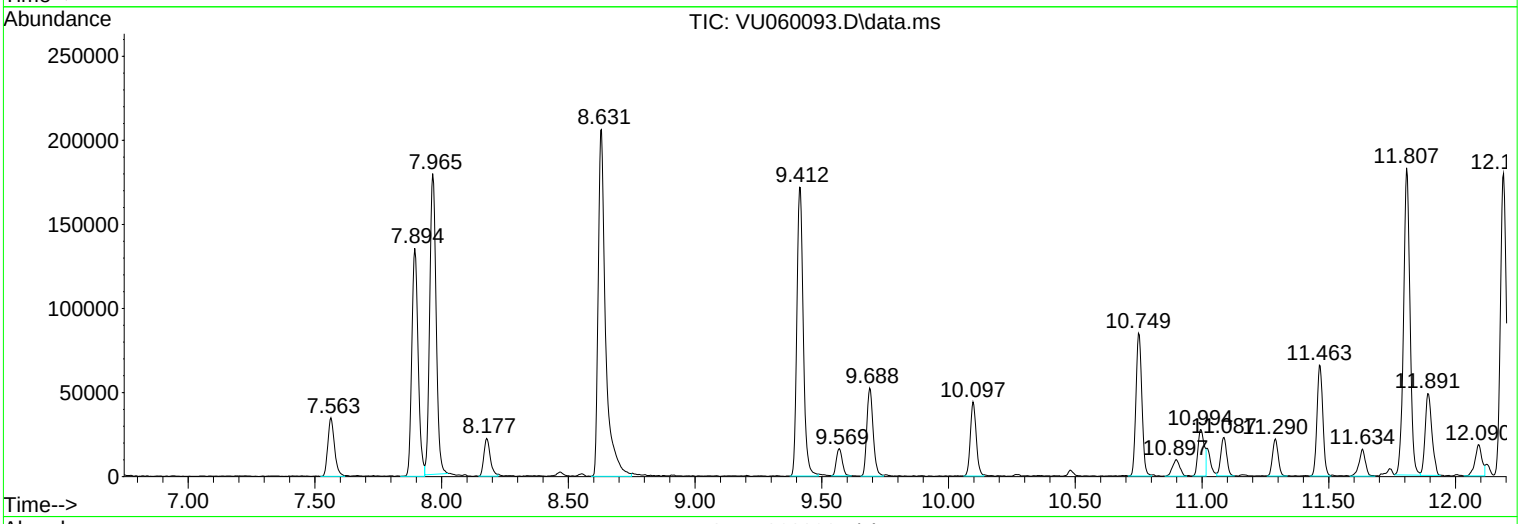
Operator : MD/SY
Sample : P3244-04 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

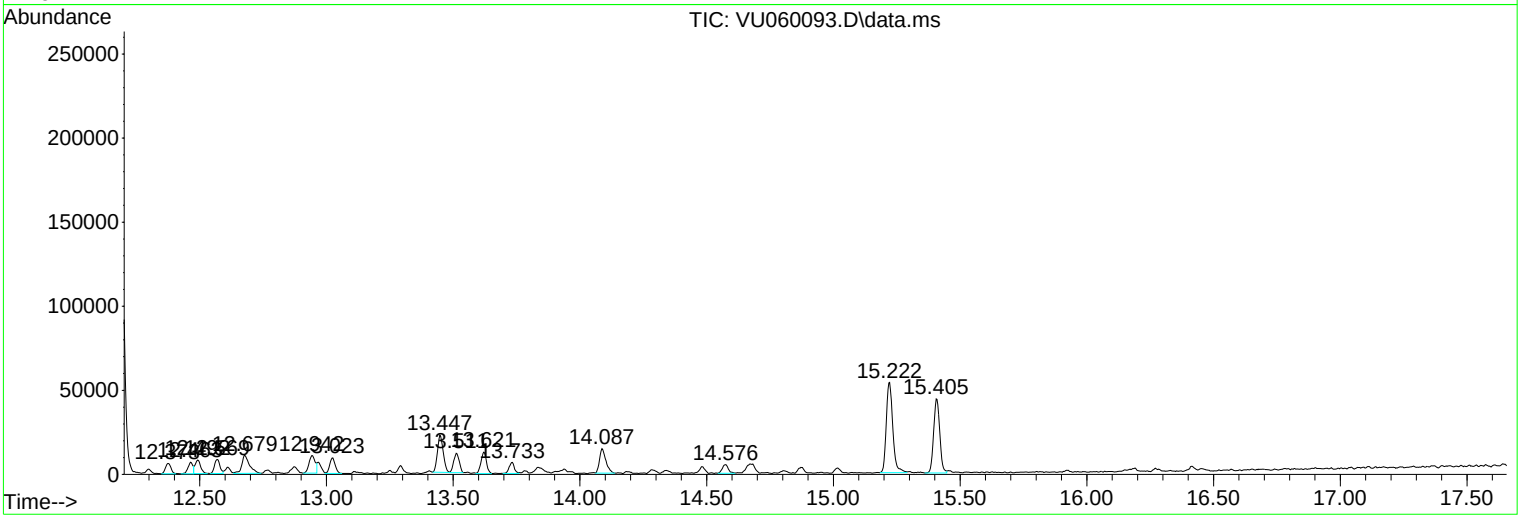
Instrument :
MSVOA_U
ClientSampleId :
YDZD5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072224\
Data File : VU060093.D
Acq On : 22 Jul 2024 15:10
Operator : MD/SY
Sample : P3244-04 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD5

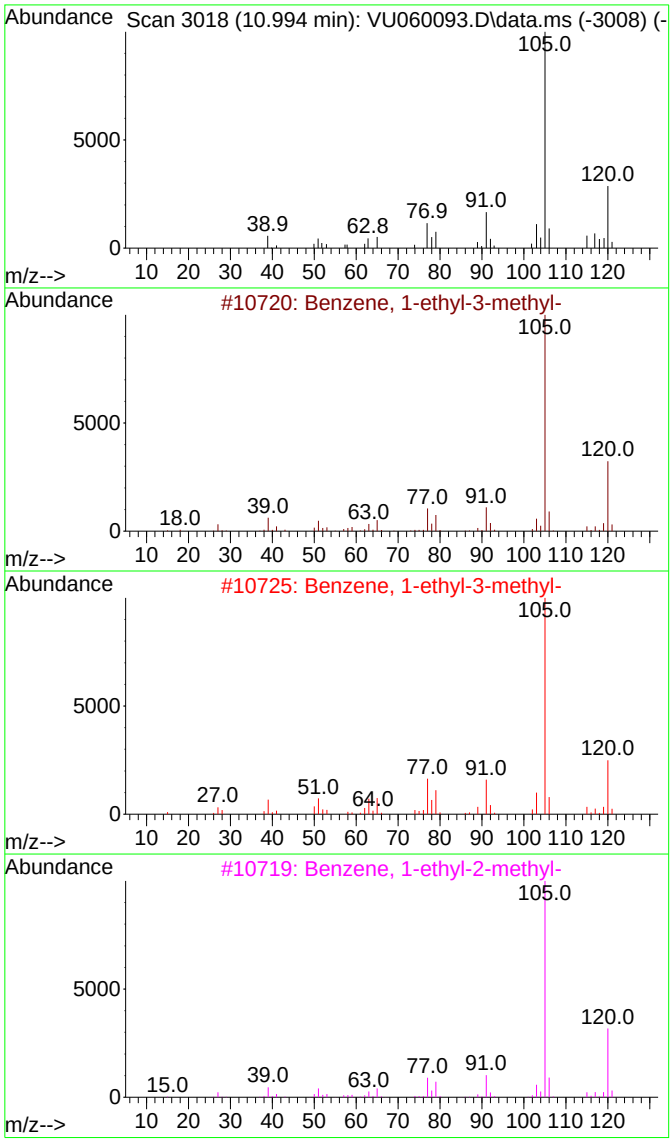
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

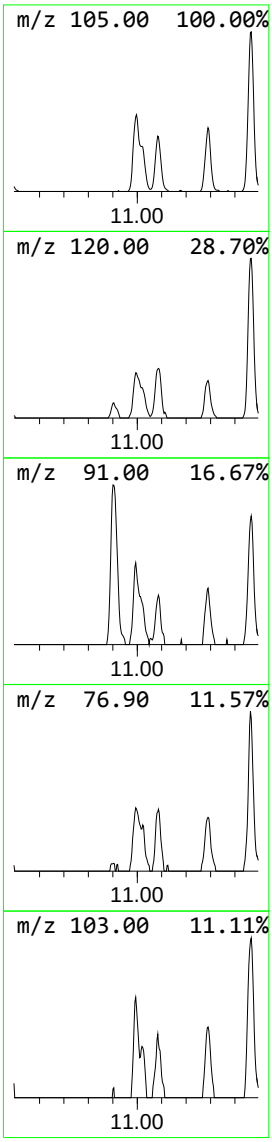
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.994	0.77 ug/L	49608	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072224\
Data File : VU060093.D
Acq On : 22 Jul 2024 15:10
Operator : MD/SY
Sample : P3244-04 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD5

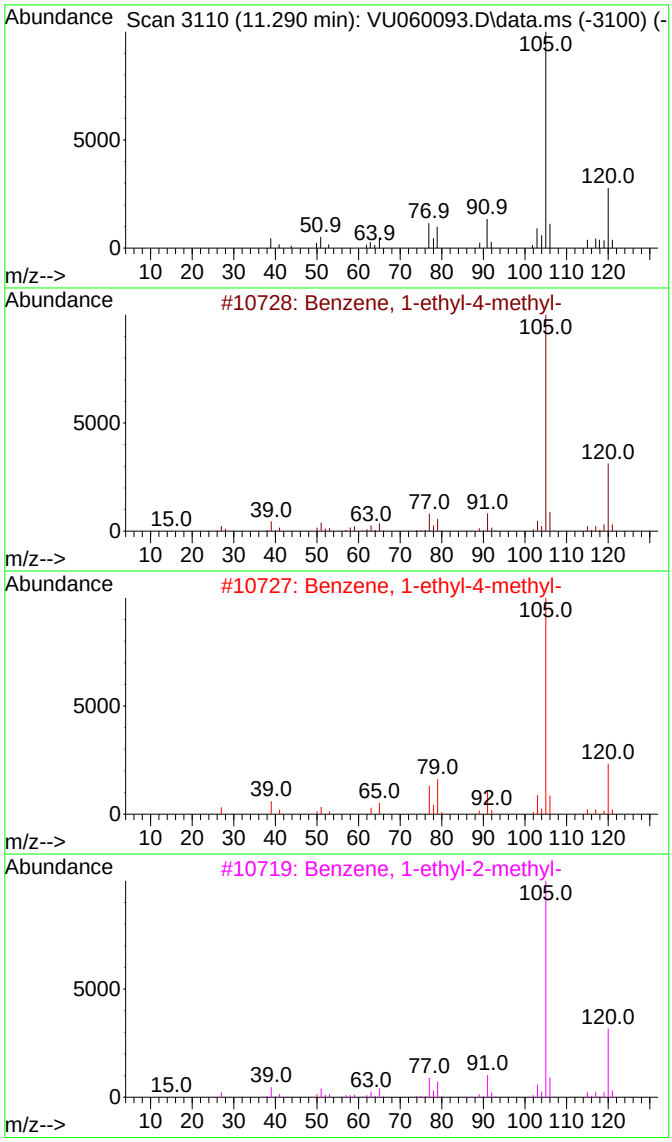
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

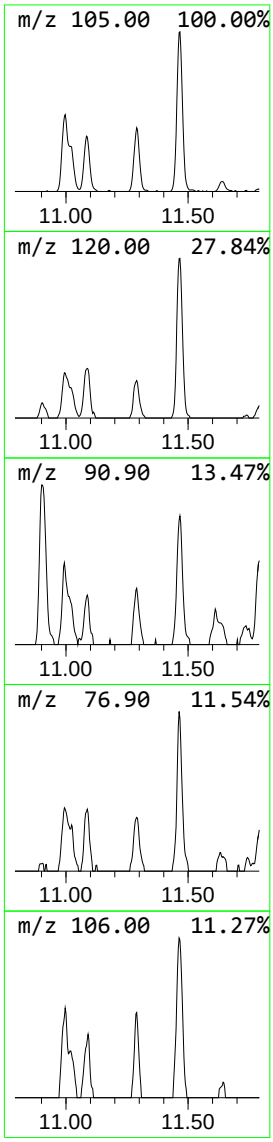
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.290	0.53 ug/L	34007	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072224\
Data File : VU060093.D
Acq On : 22 Jul 2024 15:10
Operator : MD/SY
Sample : P3244-04 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD5

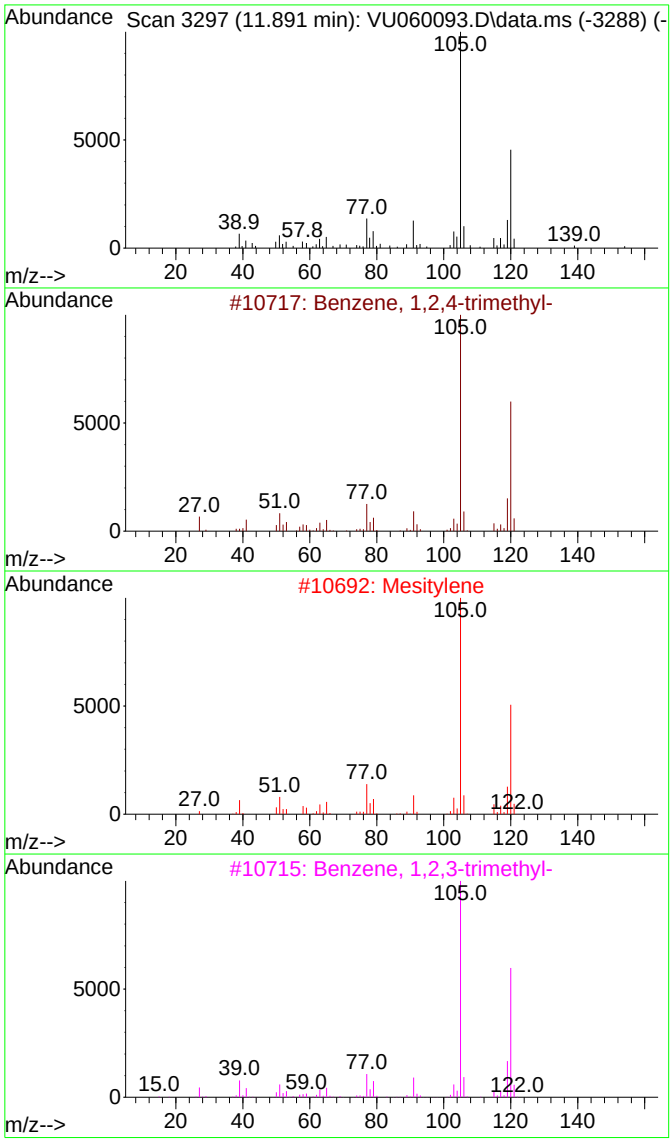
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

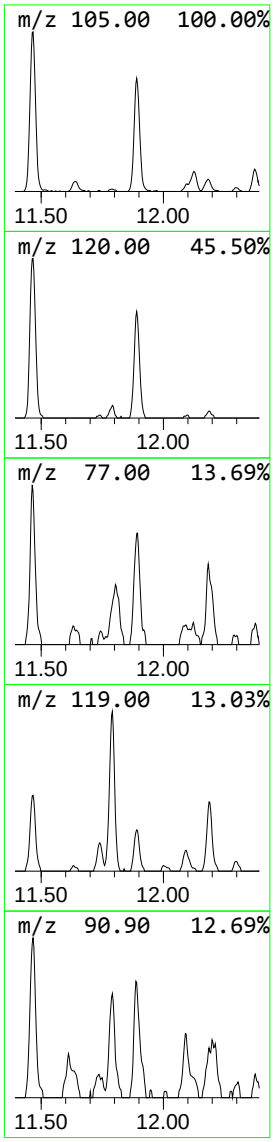
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.891	1.39 ug/L	89486	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072224\
Data File : VU060093.D
Acq On : 22 Jul 2024 15:10
Operator : MD/SY
Sample : P3244-04 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

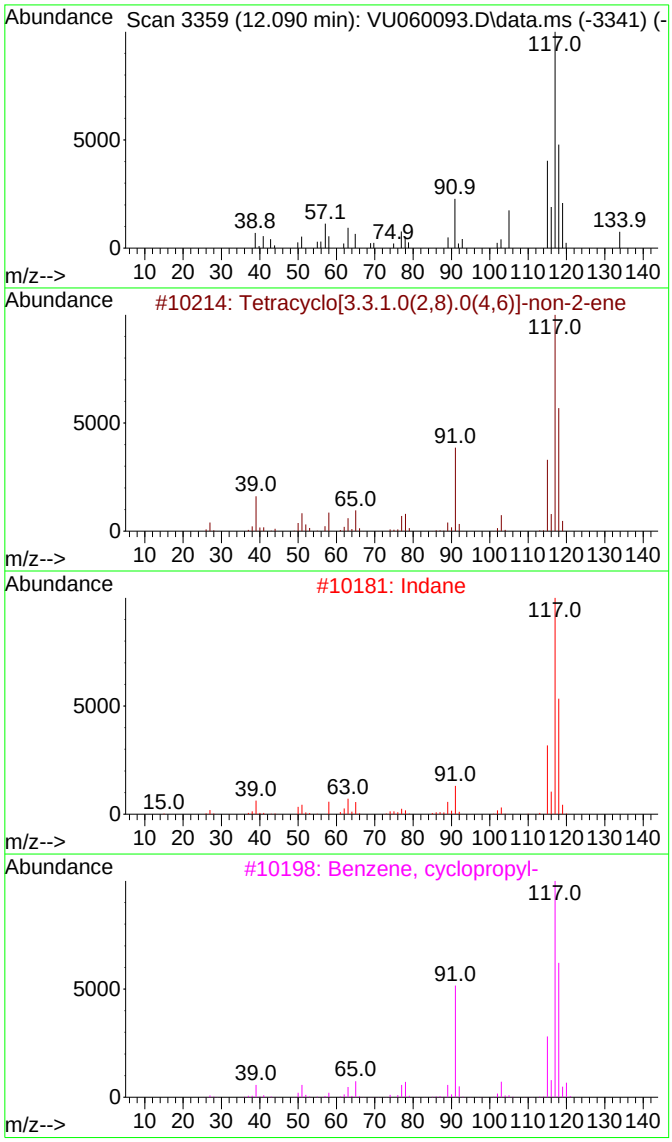
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

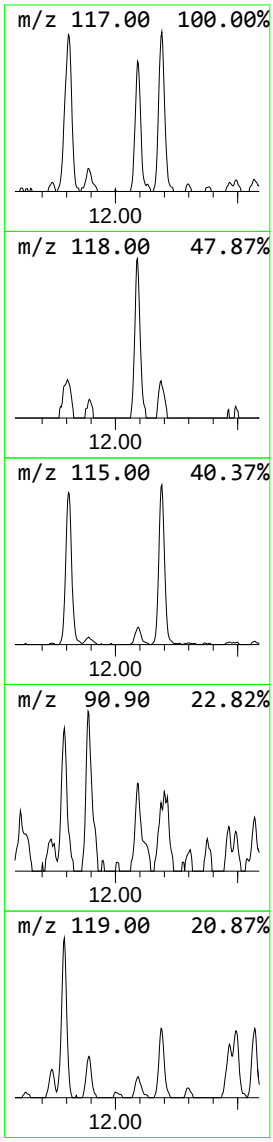
****

Peak Number 5 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.090	0.55 ug/L	35589	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	52
2	Indane	118	C9H10	000496-11-7	52
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	50
4	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	50
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	50





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Data File : VU060093.D
Acq On : 22 Jul 2024 15:10
Operator : MD/SY
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD5

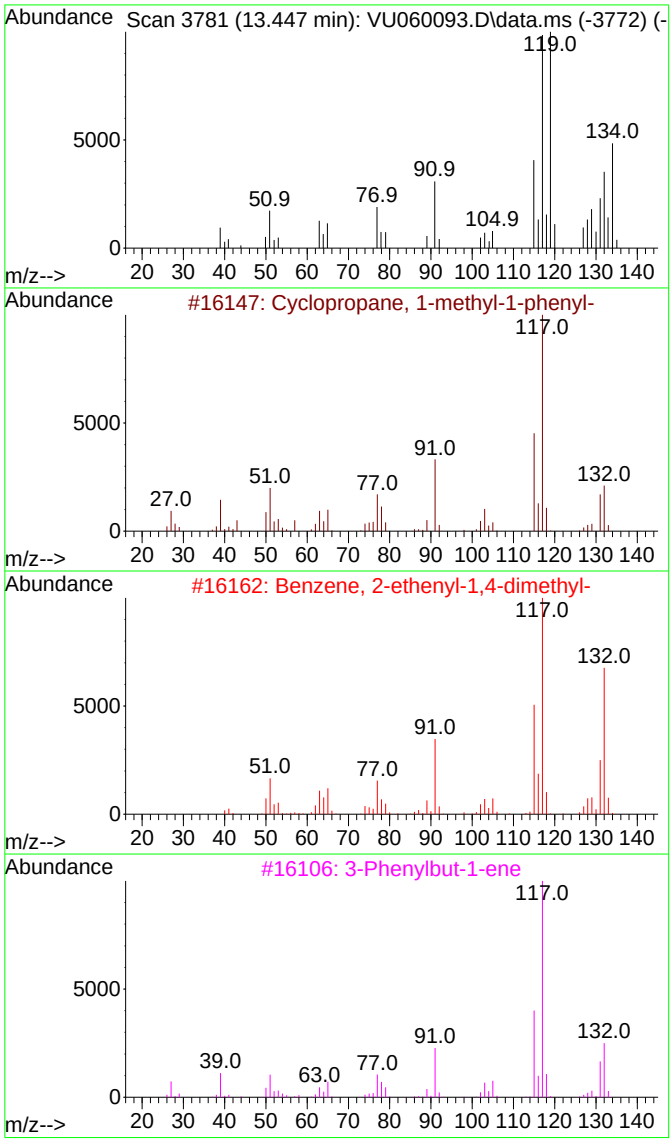
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

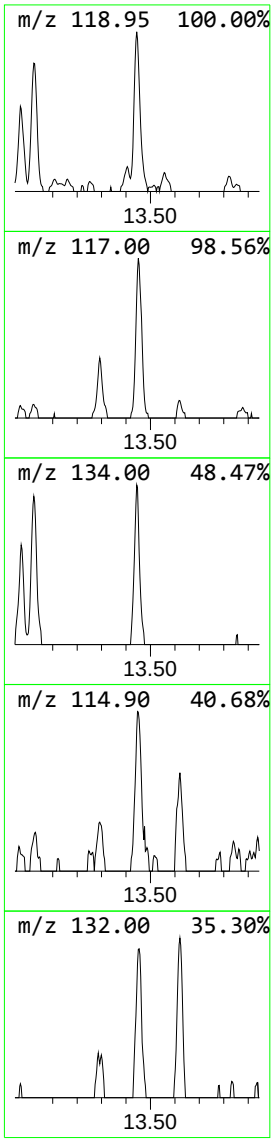
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopropane, 1-methyl-1-ph... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.447	0.55 ug/L	35330	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	86
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	50
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	50
5	Azulene, 1,2,3,3a-tetrahydro-	132	C10H12	033877-87-1	46





Tentatively Identified Compound (LSC) summary

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethy...	10.994	0.8	ug/L	49608	3	11.807	322021	5.0
Benzene, 1-ethy...	11.290	0.5	ug/L	34007	3	11.807	322021	5.0
Benzene, 1,2,3-...	11.891	1.4	ug/L	89486	3	11.807	322021	5.0
Indane	12.090	0.6	ug/L	35589	3	11.807	322021	5.0
Cyclopropane, 1...	13.447	0.6	ug/L	35330	3	11.807	322021	5.0